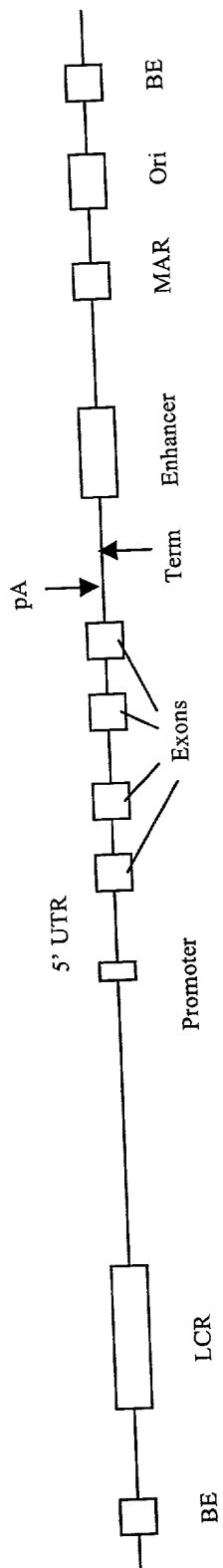
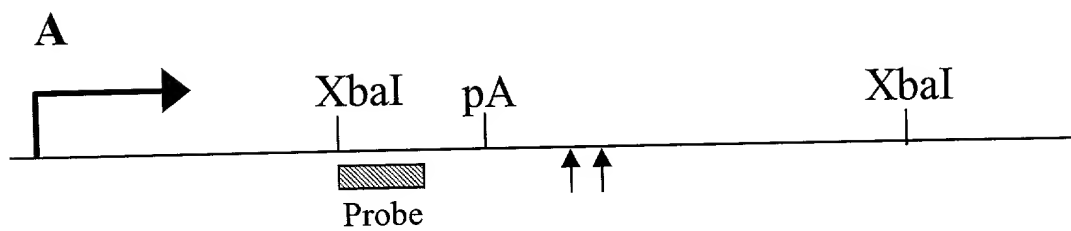


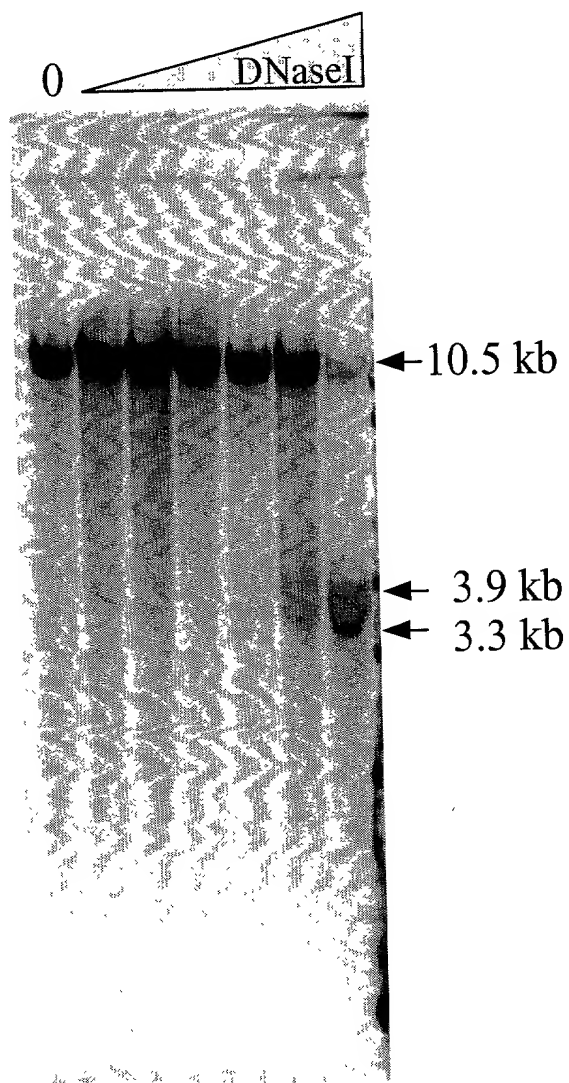
FIGURE 1



**FIGURE 2**



**B**



**FIGURE 3**

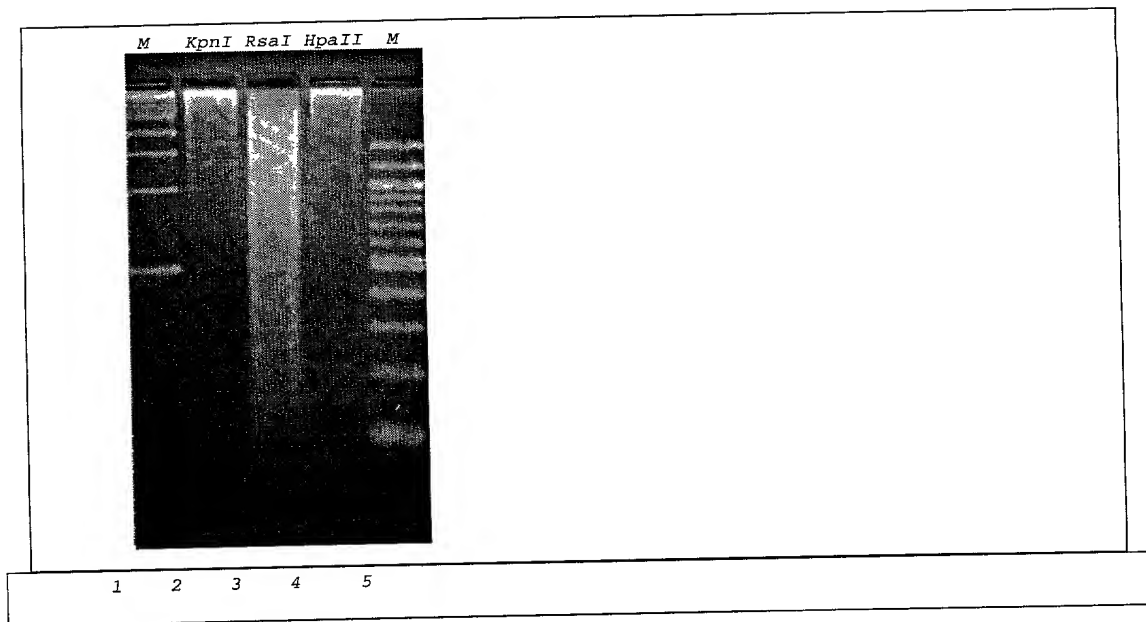
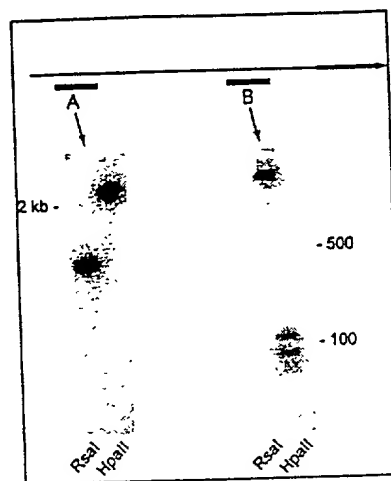
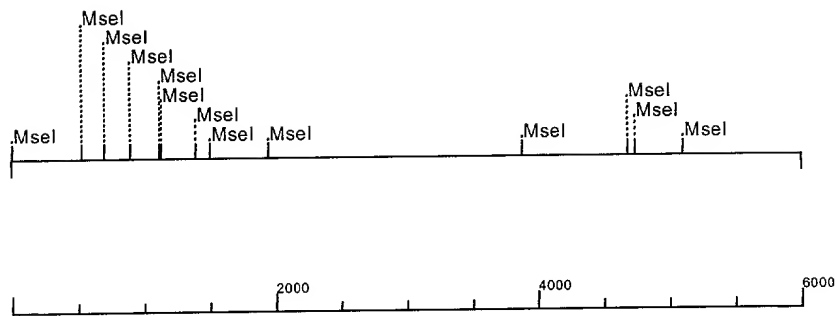


FIGURE 4



**FIGURE 5**



**TEF-3** (6000 bps)

TEF-3 (6000 bps)

**FIGURE 6**

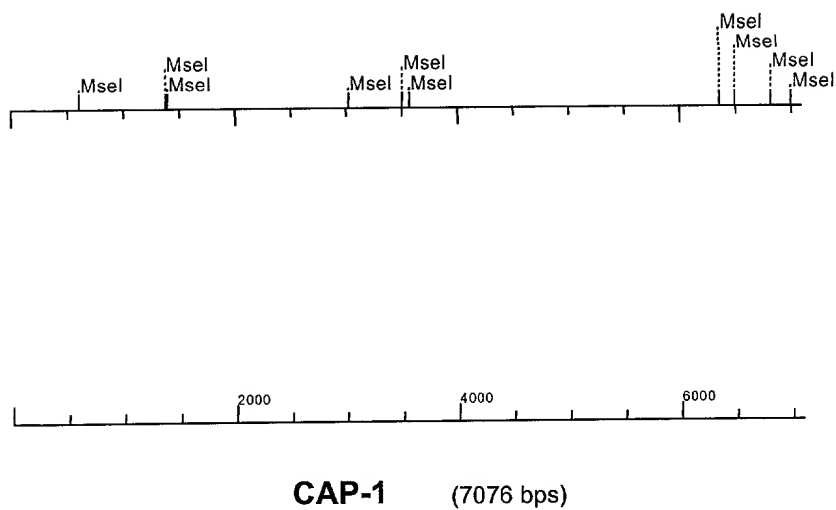
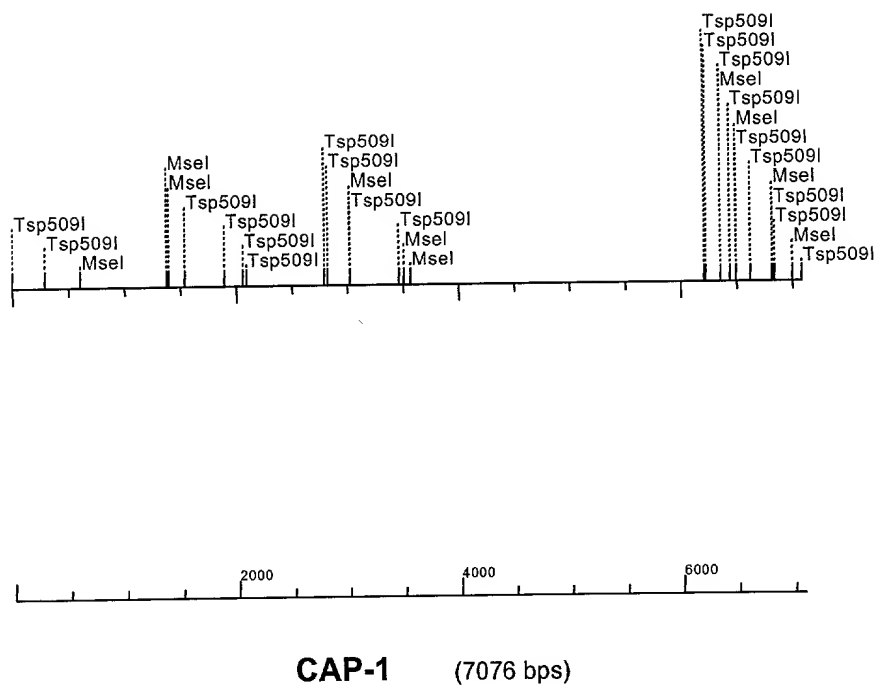
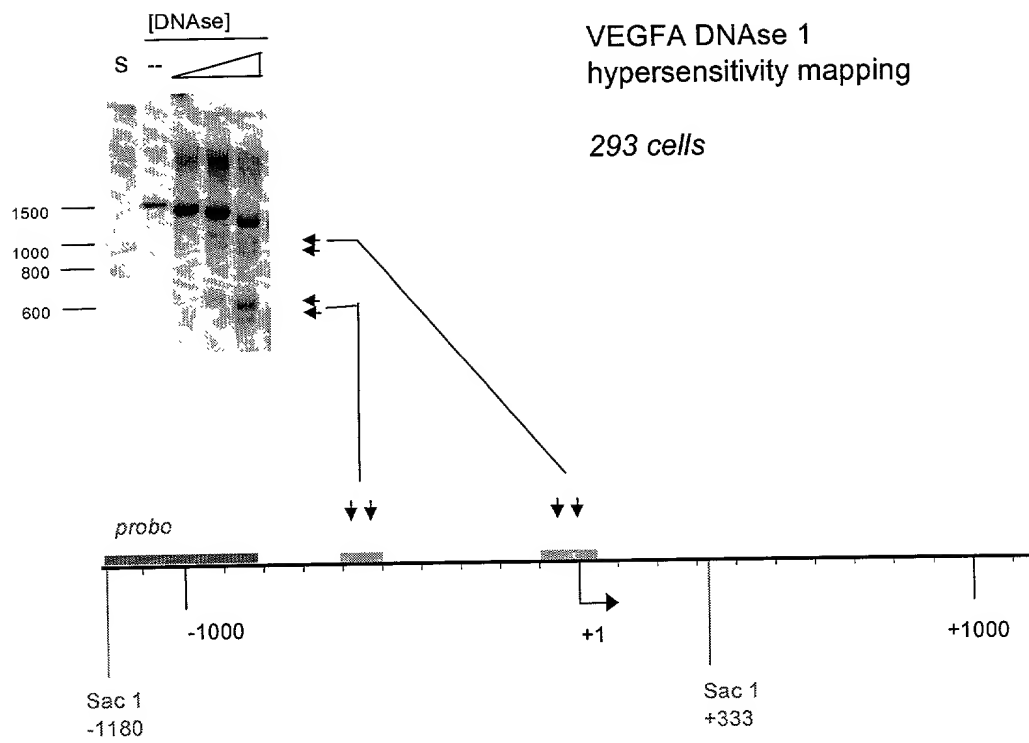


Figure 6 shows a restriction map of the CAP-1 gene, which is 7076 base pairs (bps) long. The map is represented by a horizontal line with tick marks indicating the positions of MseI restriction sites. There are 10 MseI sites in total, marked by vertical lines extending from the top of the map. The sites are located at approximately 1000, 1500, 3500, 4000, 6500, 6800, 7000, 7100, 7200, and 7300 bps. A scale bar below the map shows positions at 2000, 4000, and 6000 bps.

### FIGURE 7



# FIGURE 8

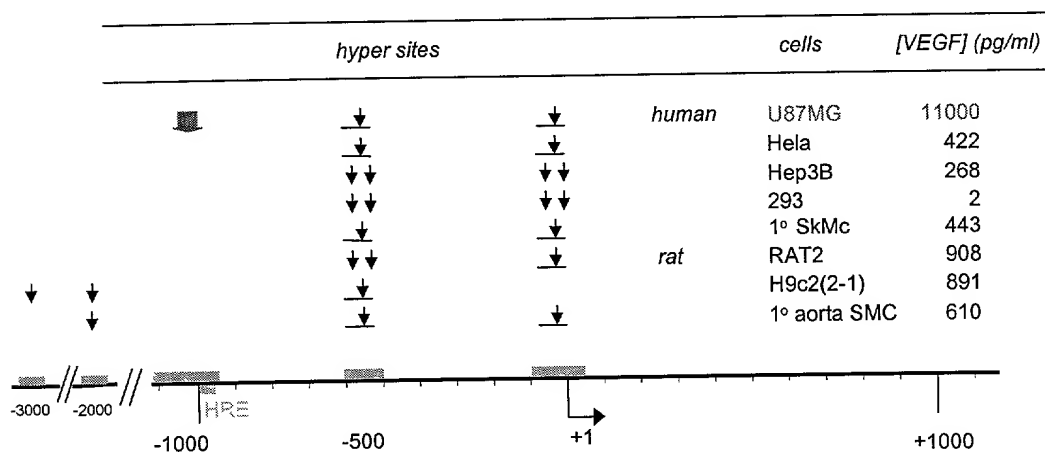




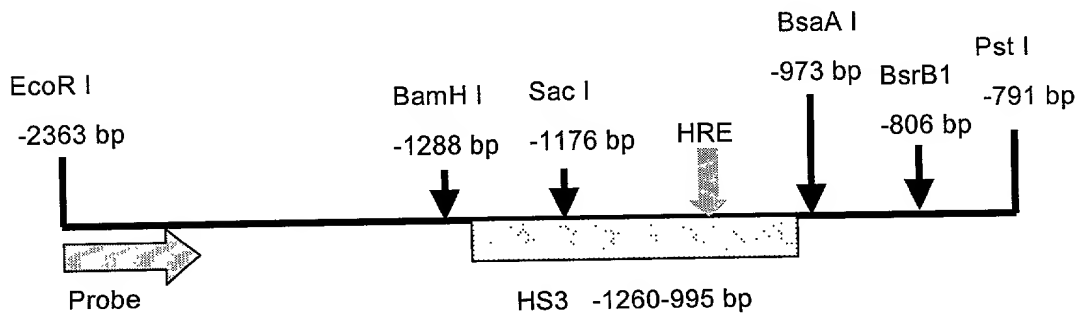
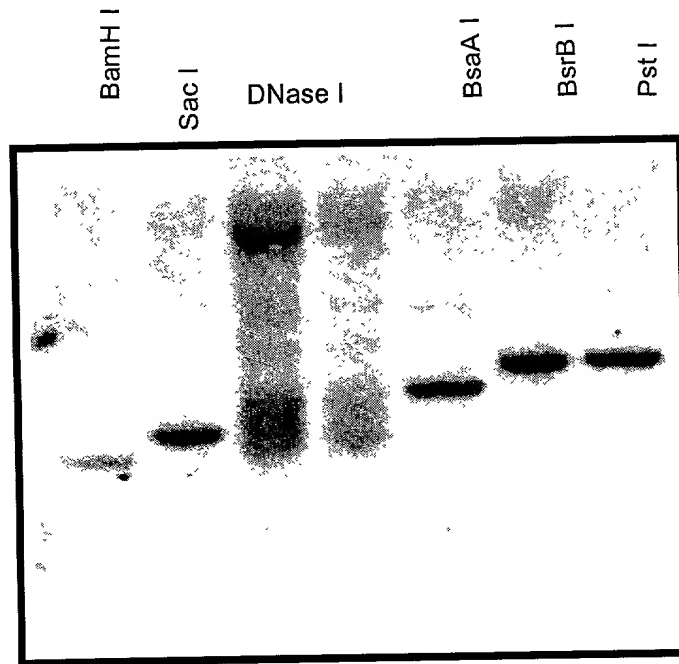
# FIGURE 9

## DNase 1 hypersensitivity mapping of VEGFA

### Summary of results:

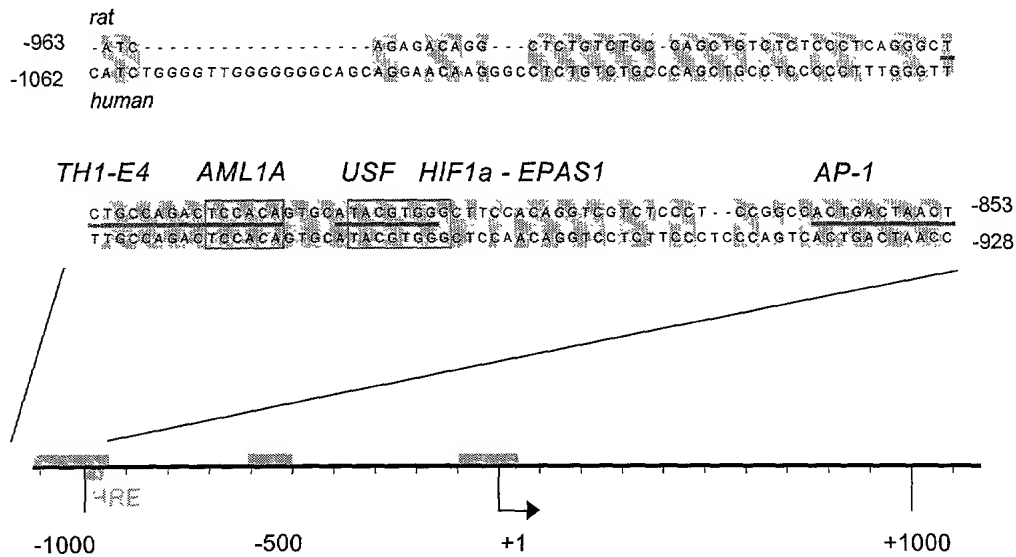


# FIGURE 10



# FIGURE 11

Conserved regulatory elements in the '-1000' accessible region:



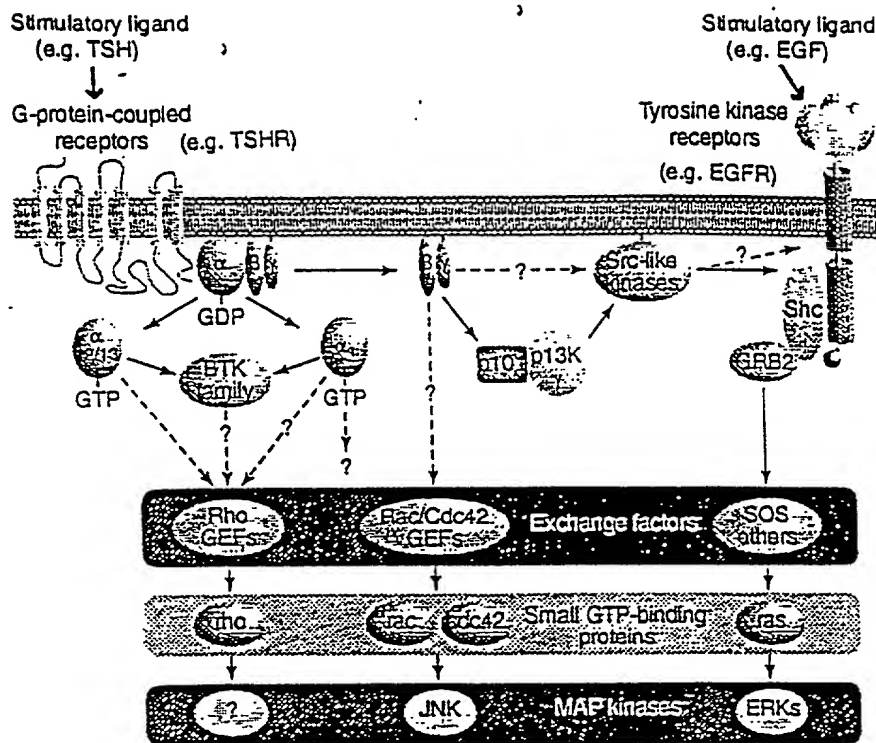


Figure 12

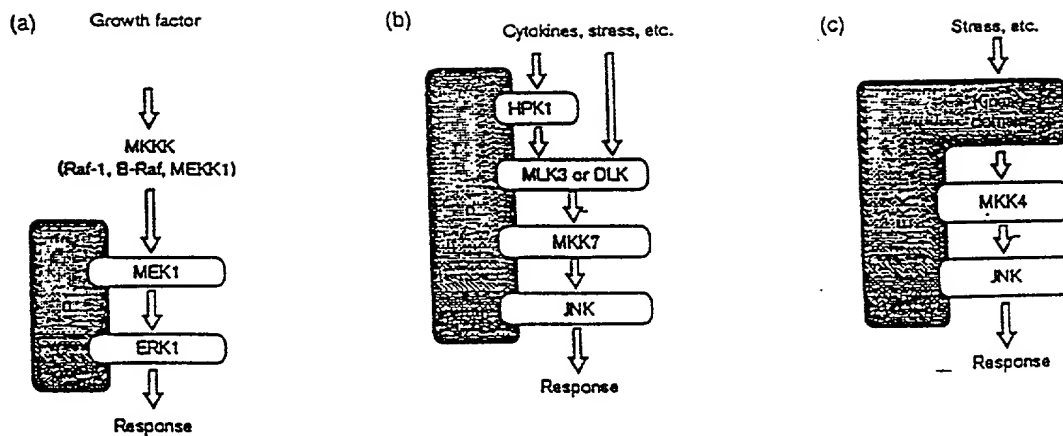


Figure 13

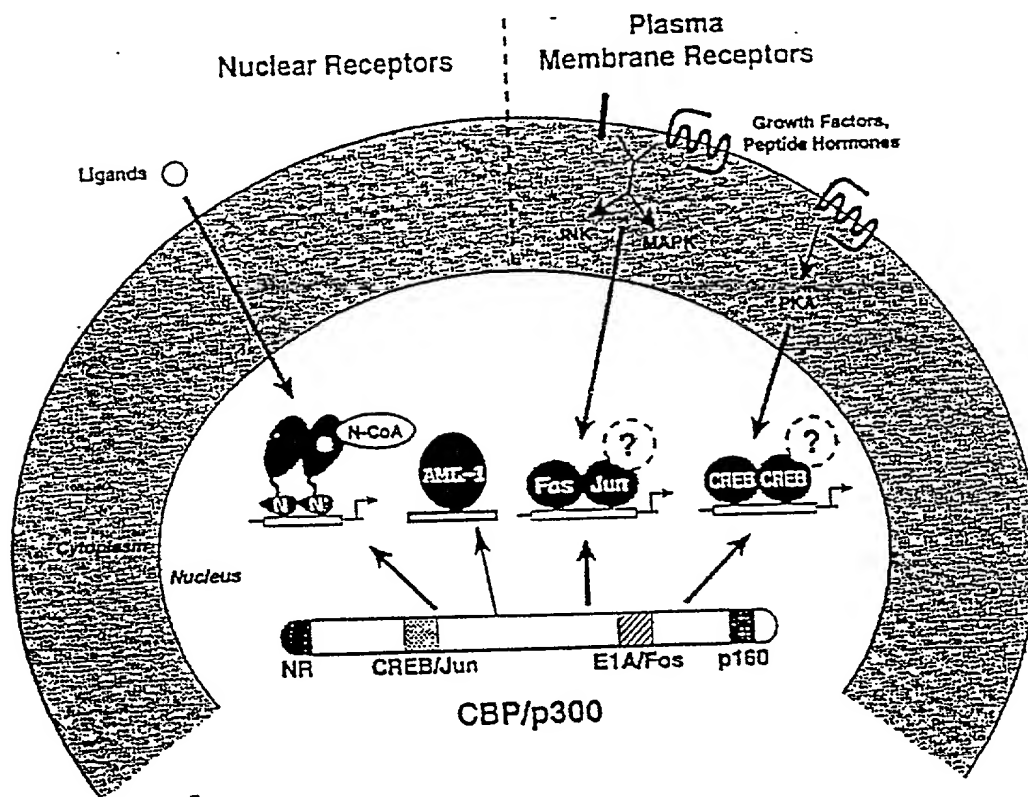


Figure 14

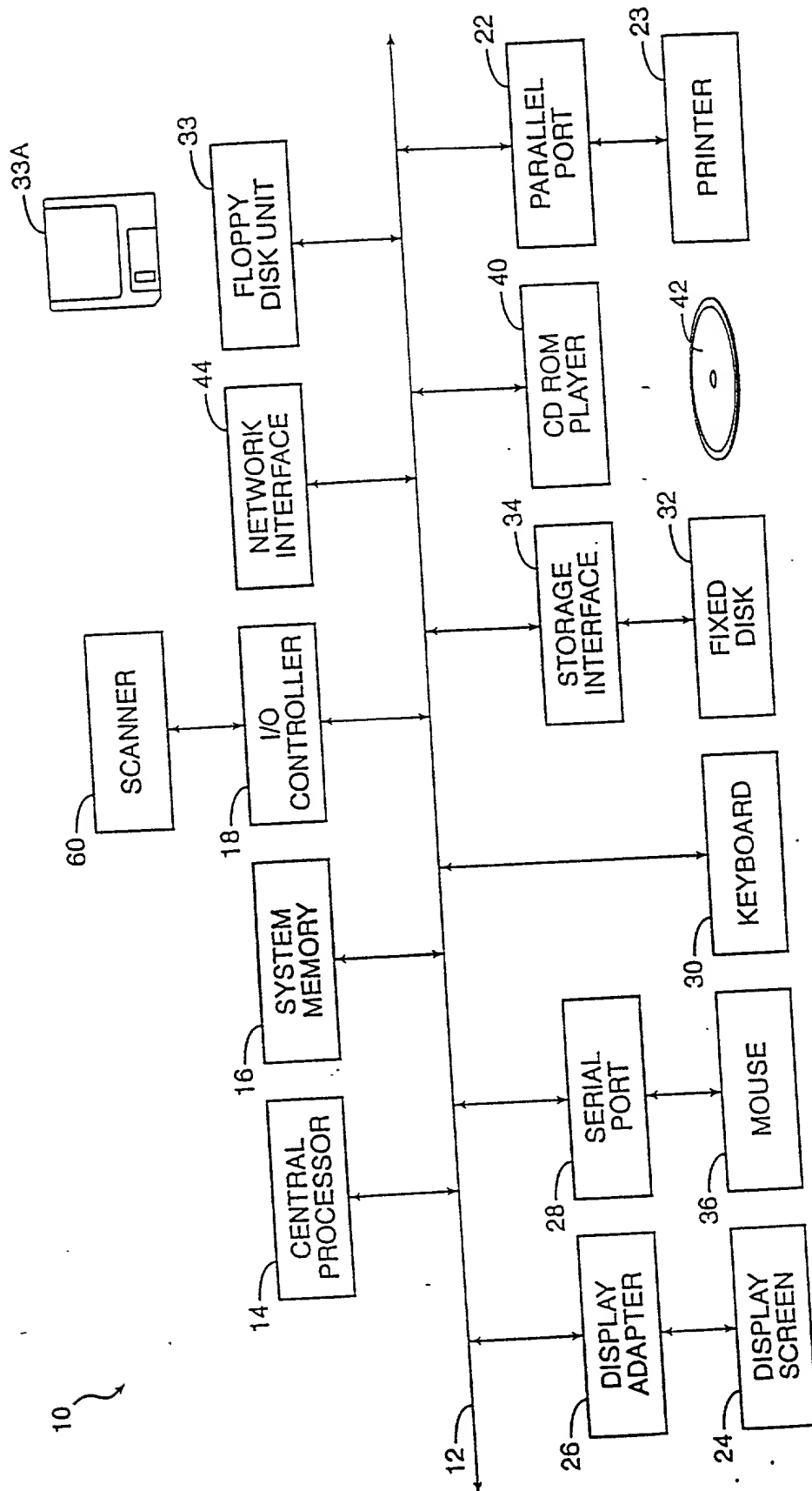


FIG. 15

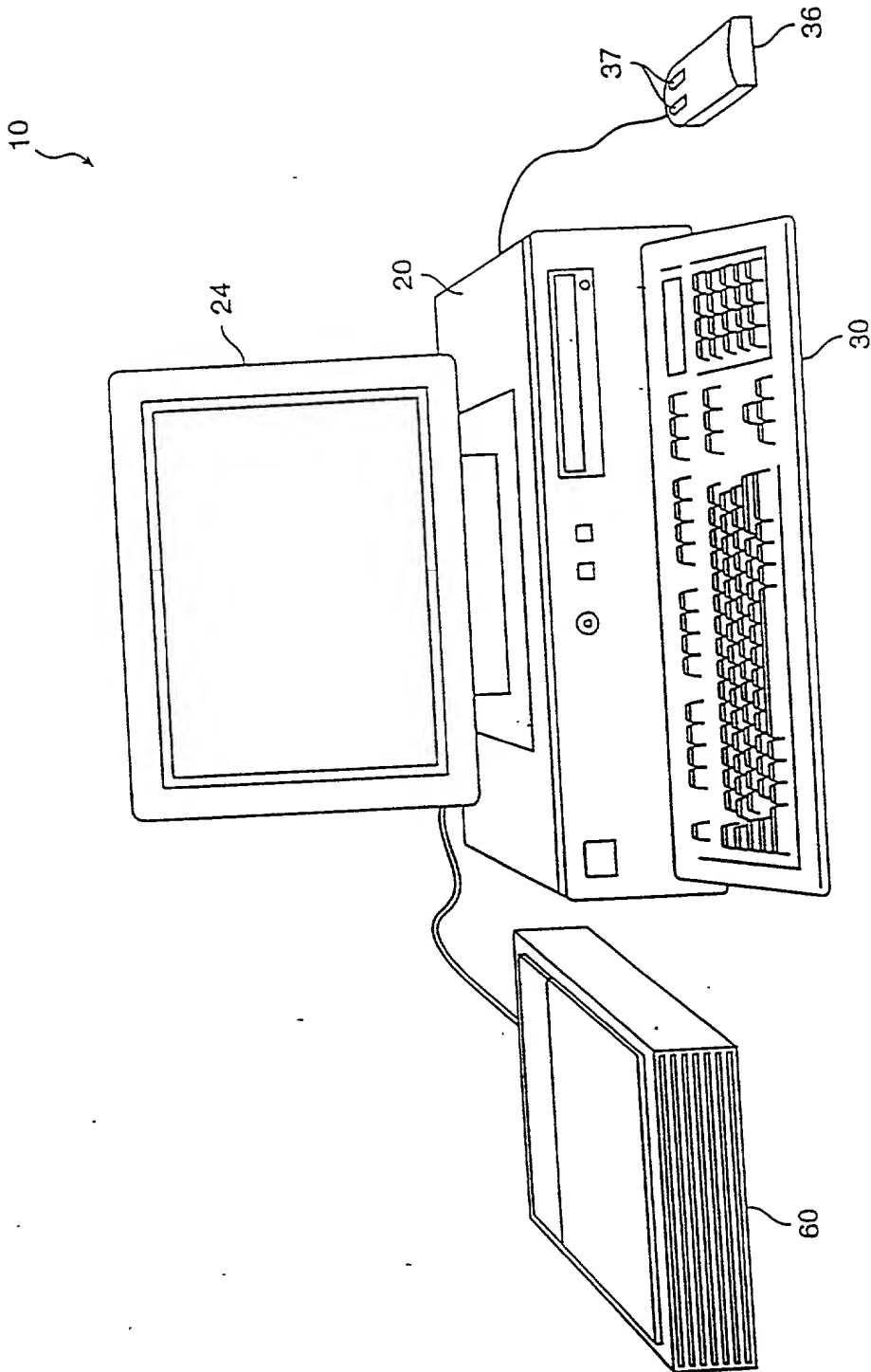


FIG. 16

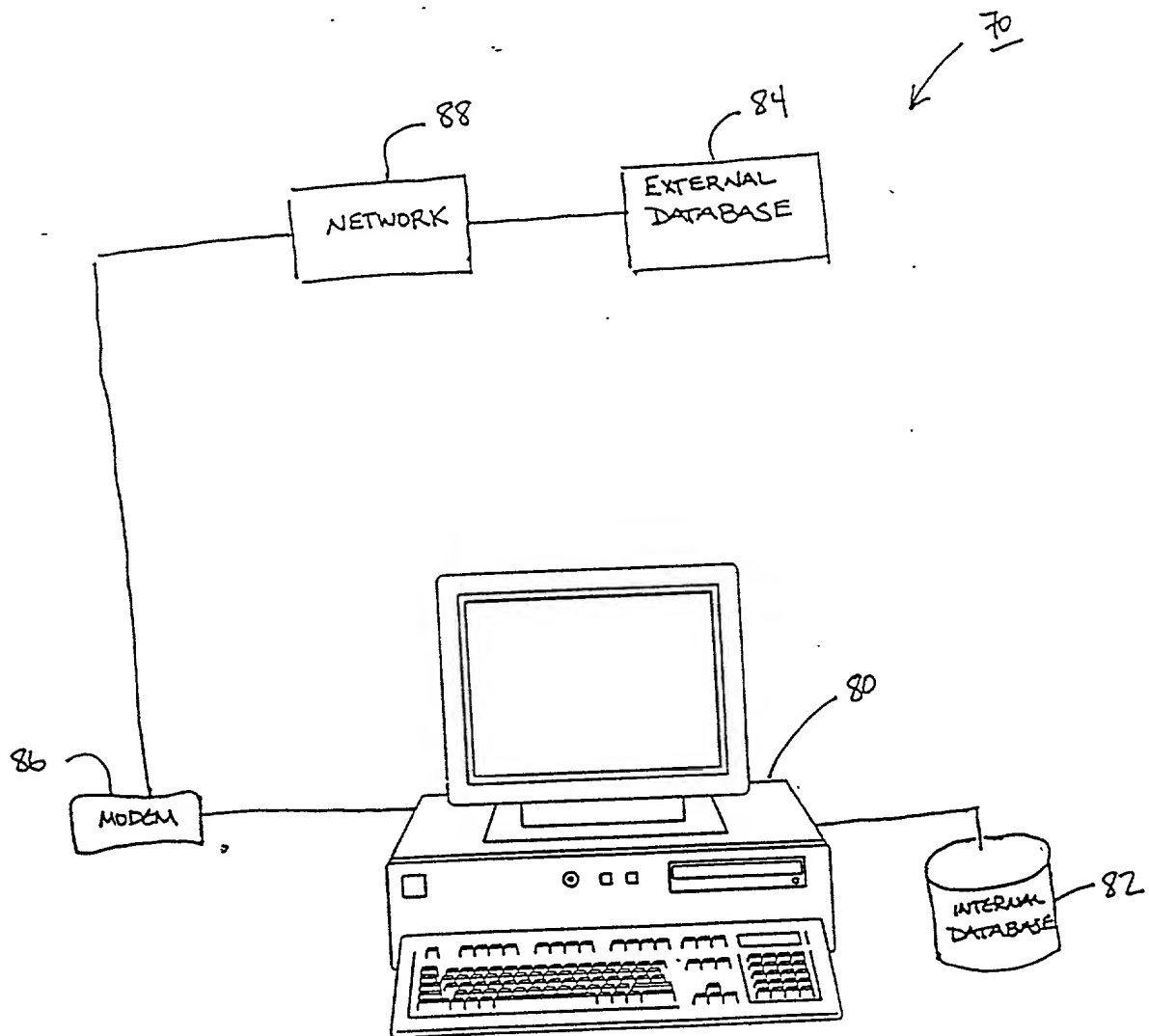


FIG. 17



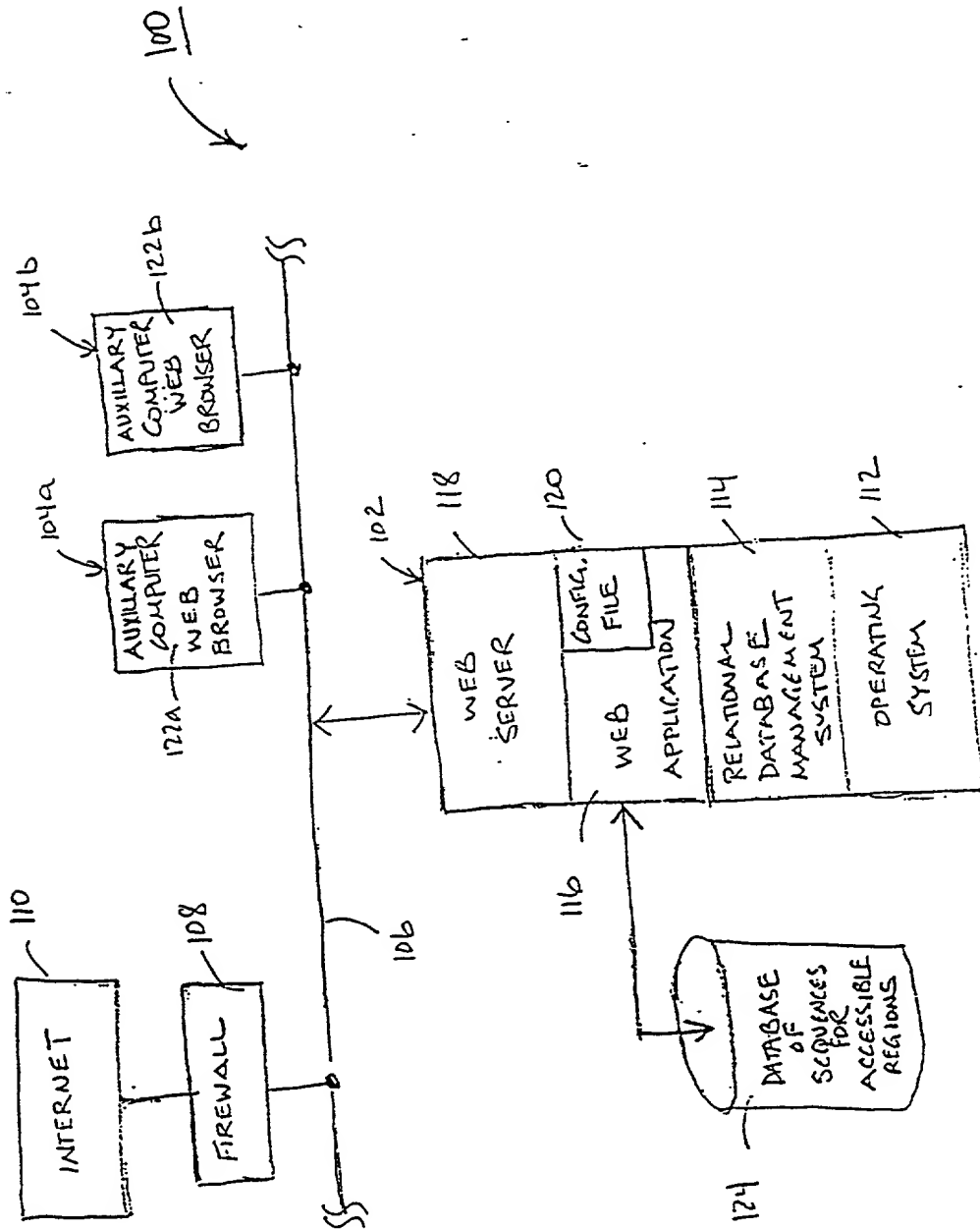


FIG. 18

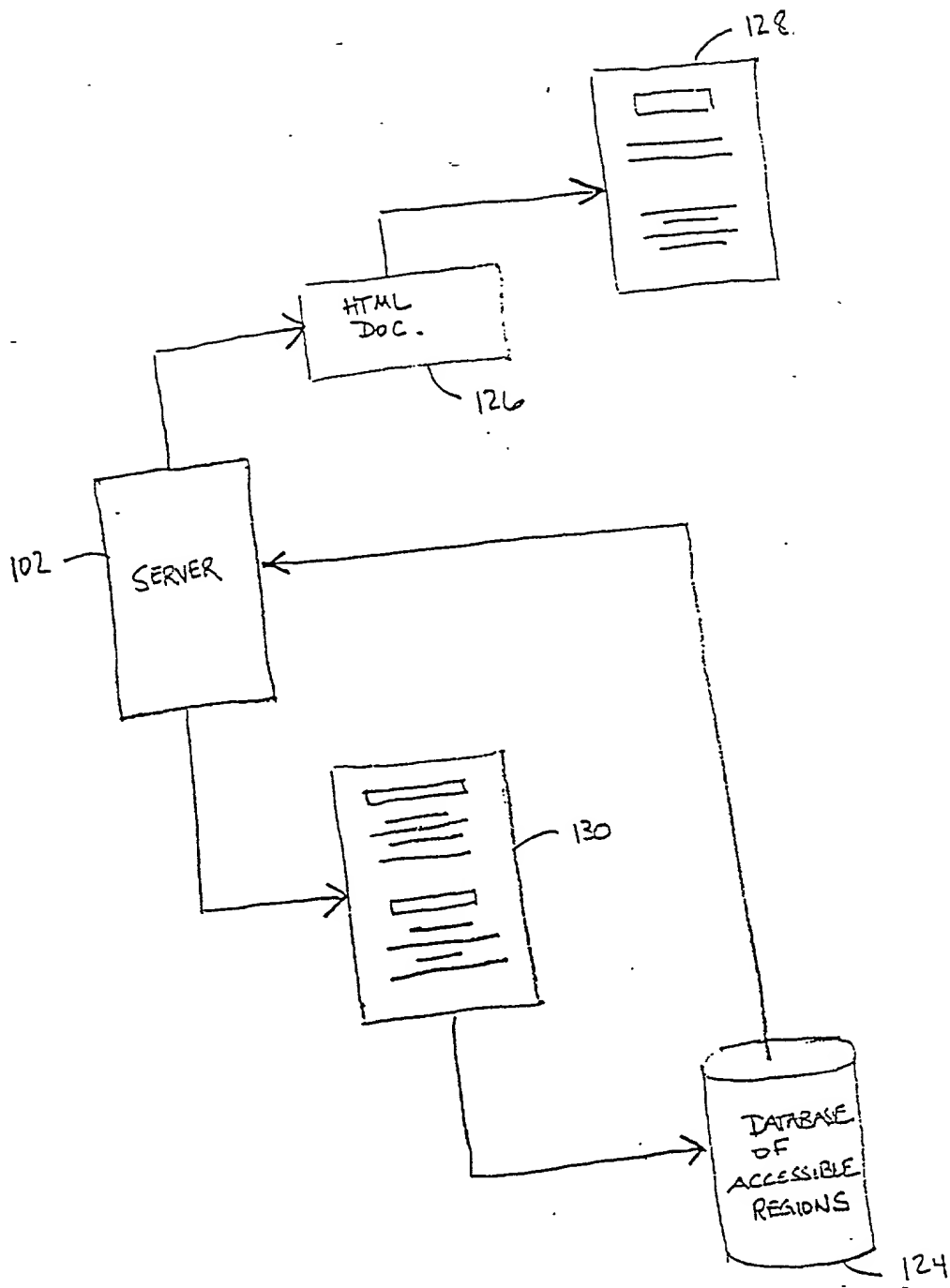


FIG 19

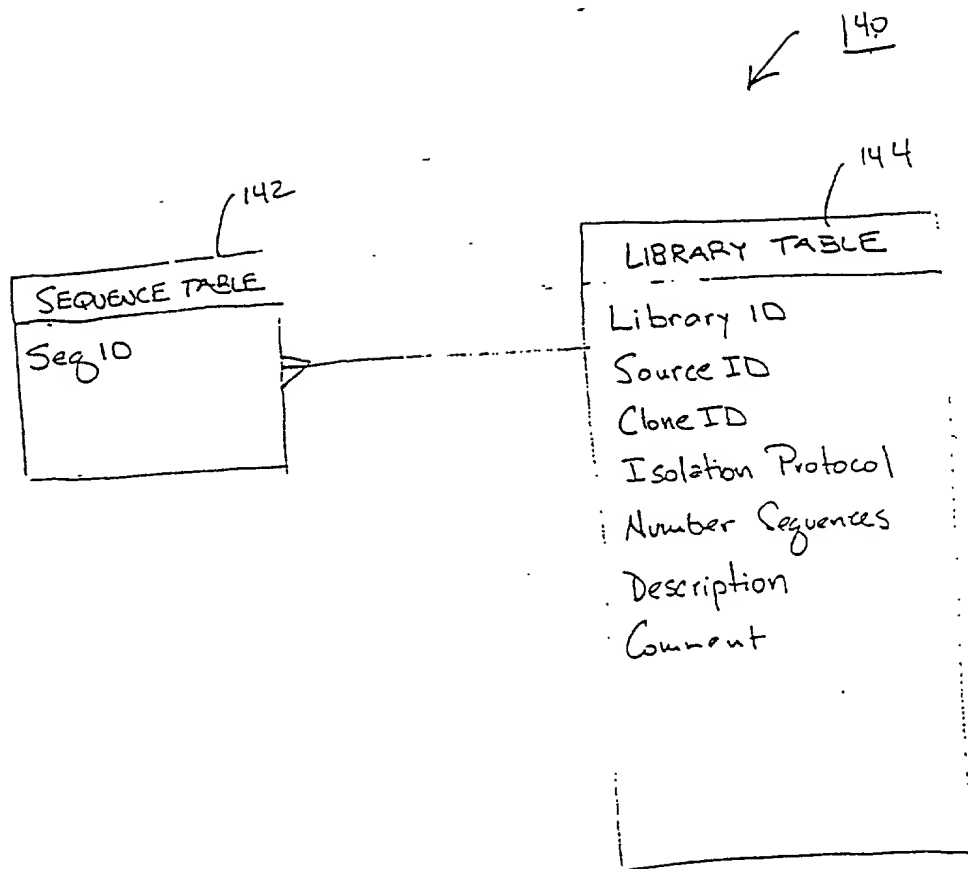


FIG. 20

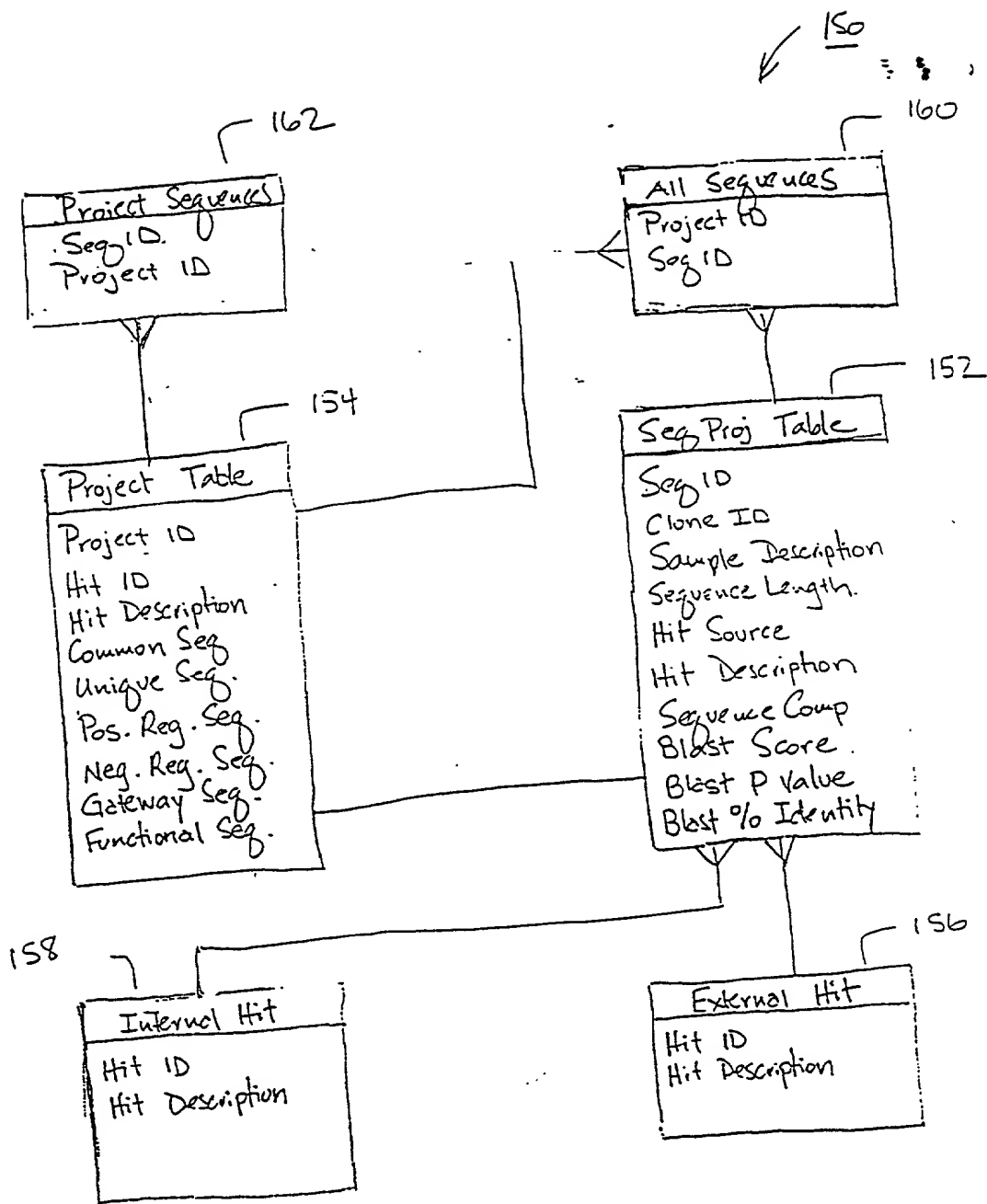


FIG. 21

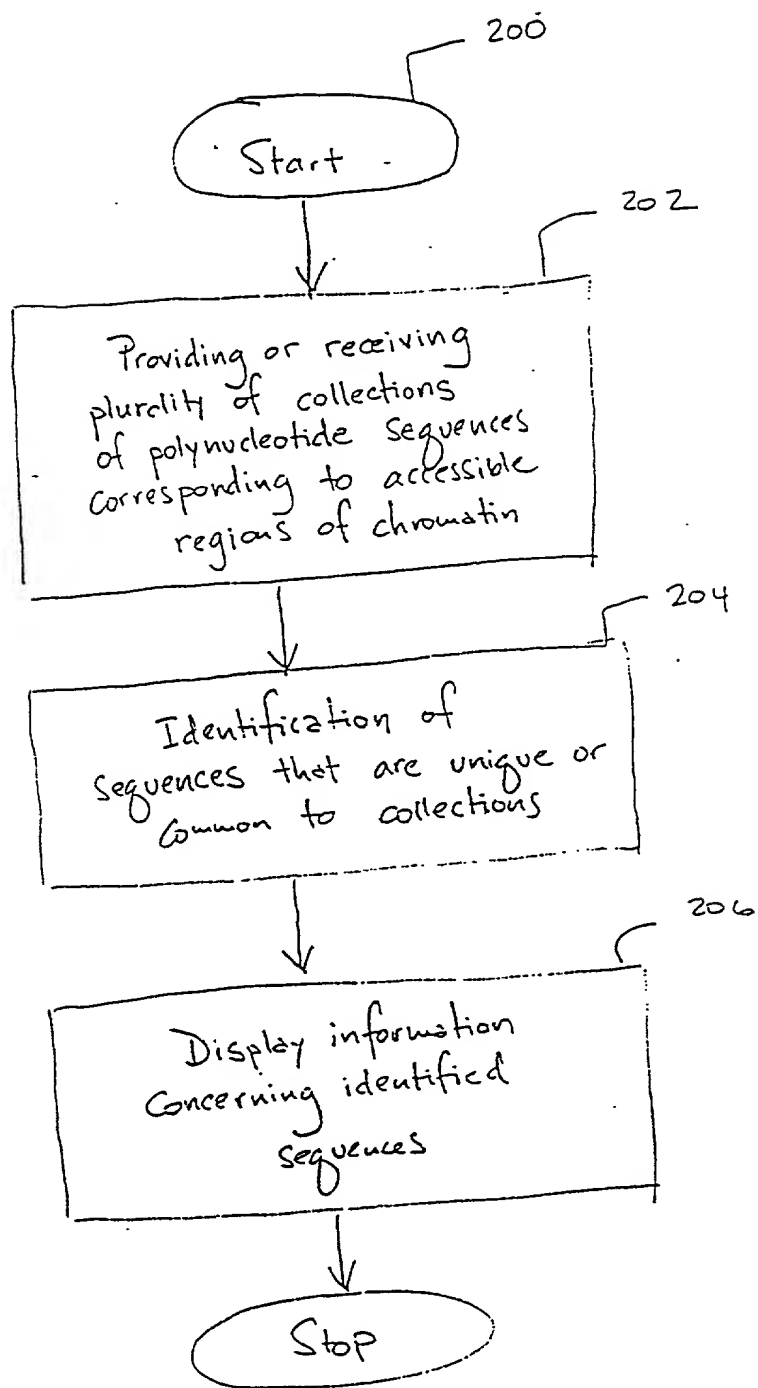


FIG. 22

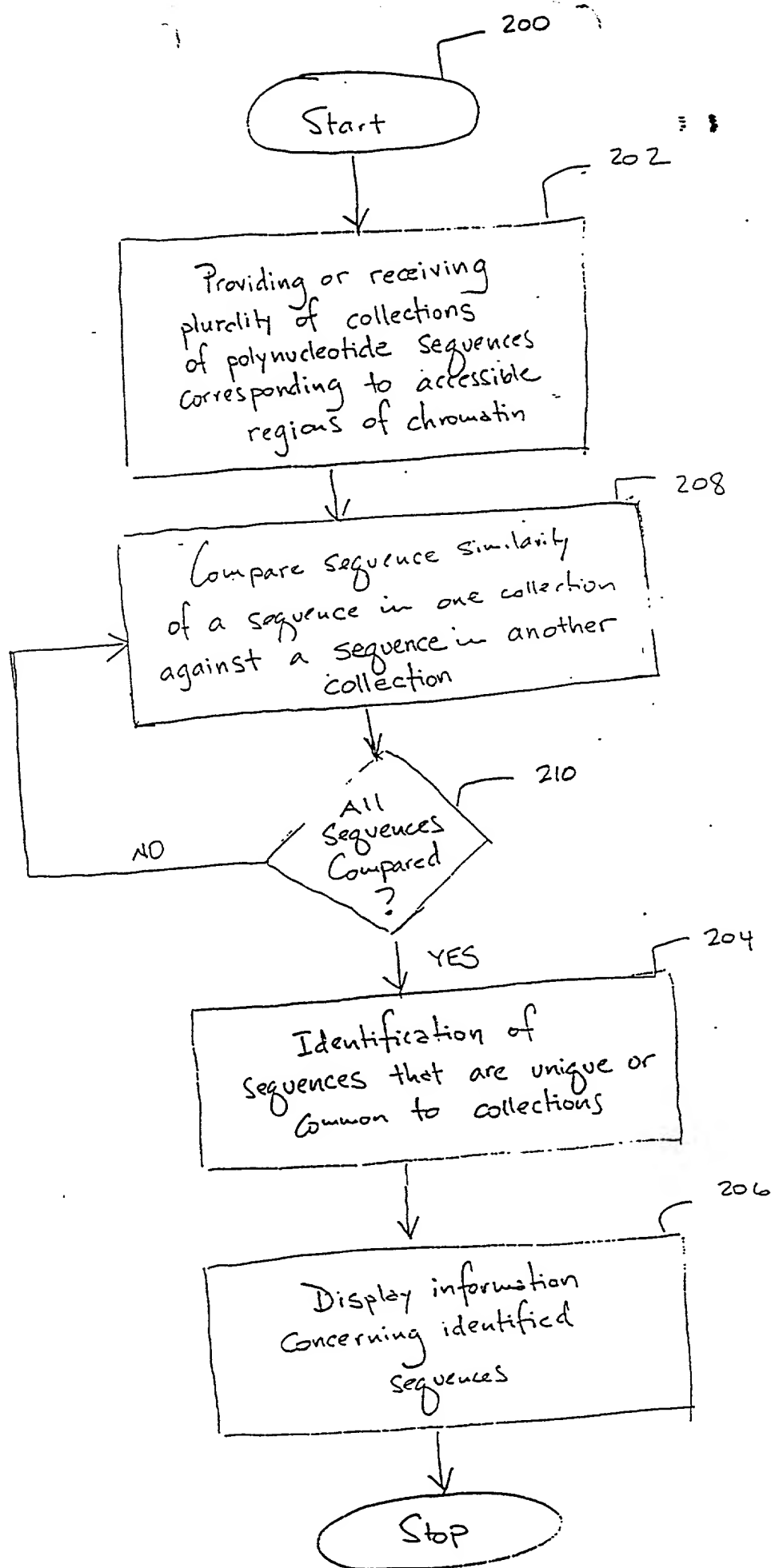


FIG. 23

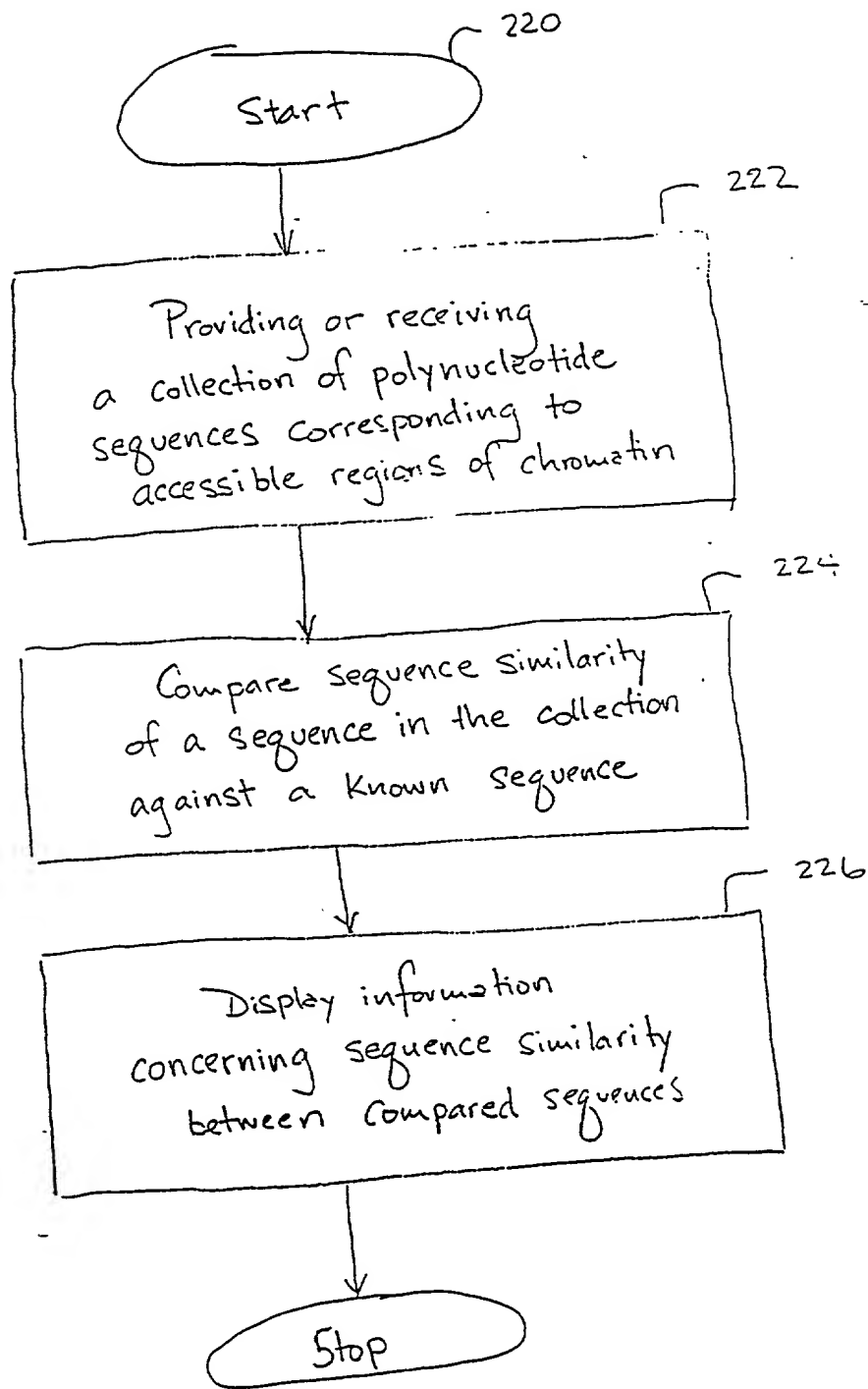


FIG. 24

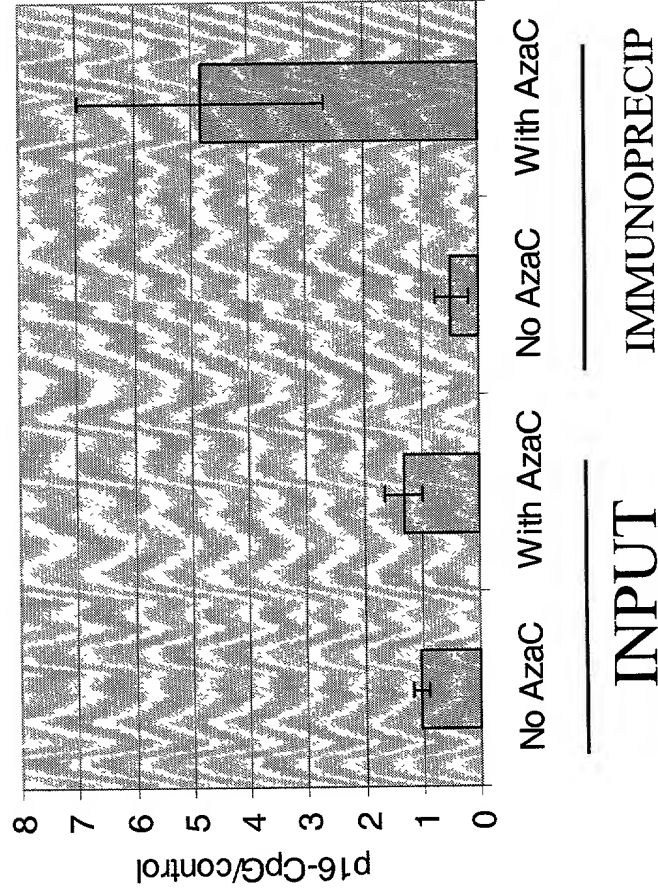
## FIGURE 25

5' -HO-TAGAAAGGCACAGTCGAGGACTTATCCTAGCCTCTGAATACTTTCAACAAGTTACACCCCTT-P-3' -E (SEQ ID NO: 7)

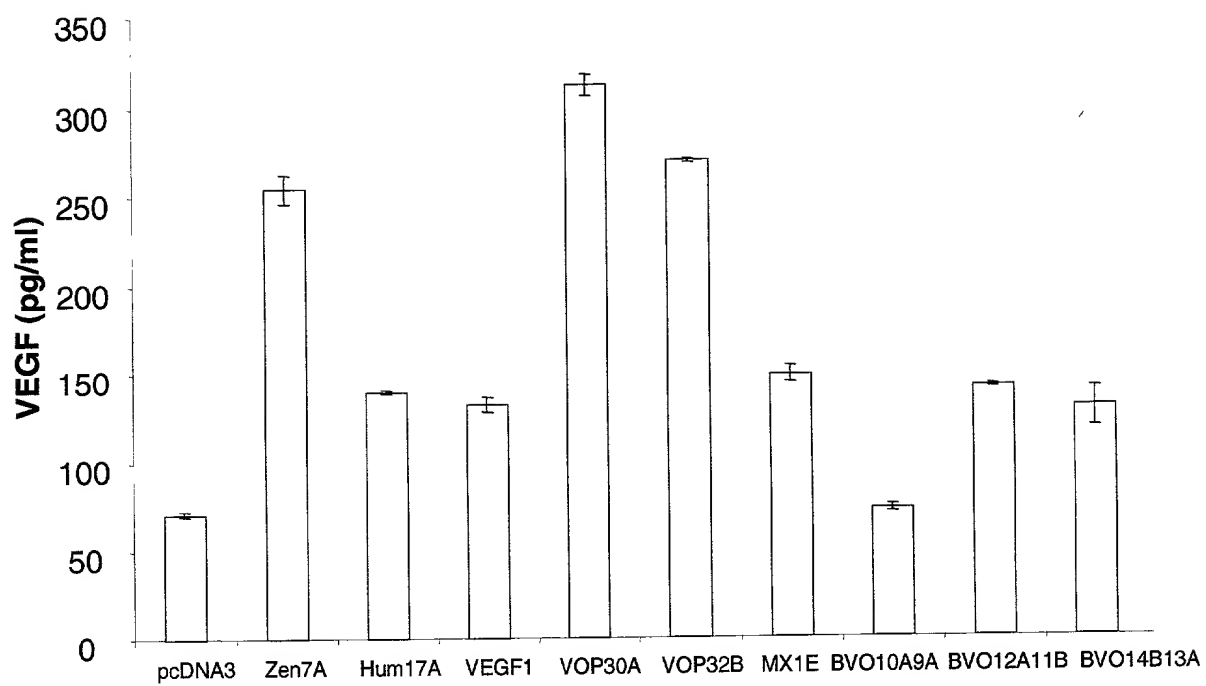
3' -HO-AAAAAAAAATCTCCGTGTCAGCTCCTGAAATAGGATCGGAGACTTATGAAAAGTTGTTCAATGTGGGA-OH-5' (SEQ ID NO: 8)



**Figure 26**



**Figure 27**



# Figure 28

